What is claimed is:

1.   A method of performing an Internet protocol (IP)-based communication between wireless terminals, the method comprising the steps of:

(a) receiving a request for an IP address of a second terminal from a first terminal;

(b) upon receipt of the request, checking whether or not an IP address corresponding to the second terminal is registered; and

(c) if the IP address is not registered, assigning an IP address to the second terminal corresponding to information from an IP address server.

2.   The method of claim 1, wherein in the step (a), the request for an IP address is made using a telephone number, and wherein in the step (b), checking whether or not an IP address corresponds to the second terminal by checking whether the telephone number corresponds to the second terminal.

3.   The method of claim 1, if the IP address is not registered, further comprising the step of sending a notice requesting the second terminal to establish an IP connection.

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4.   The method of claim 3, wherein in the step of sending a

notice requesting the second terminal to establish an IP connection,

said notice is sent using a Short Message Service (SMS).

5.   The method of claim 1, if the IP address is registered,

further comprising the step of transmitting the IP address to one of a

plurality of terminals, said plurality of terminals including said first

terminal.

6.   The method of claim 5, wherein the IP address is

transmitted to said one of a plurality of terminals using transmission

control protocol/internet protocol (TCP/IP) or user datagram

protocol/internet protocol (UDP/IP).

7.   A communication system having a first terminal and a

second terminal, an Internet protocol (IP) address server, a name

server for providing an IP address at the request of the first terminal,

5   wherein the name server comprises:

a database for storing IP addresses corresponding to telephone

numbers of a plurality of terminals, said plurality of terminals including

the second terminal; and

a controller which assigns an IP address to the second terminal

10   corresponding to information from the IP address server, if the IP

address of the second terminal that is requested by the first terminal

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using a telephone number is not registered, and registers the assigned IP address in the database.

8.   A name server in an internet protocol (IP)-based communication system comprising:

a communication module unit for sending and receiving IP-based data;

5   a controller for registering telephone numbers and requests for translation of telephone numbers into IP addresses; and

a database for storing IP addresses and telephone numbers as determined by the controller.

9.   The name server of claim 8, wherein the name server further comprises a memory for storing a program for operating the controller.

10.   The name server of claim 8, wherein the communication module unit sends and receives IP-based data to and from external devices.

11.   The name server of claim 9, wherein the external devices include IP address servers.

12.   The name server of claim 8, wherein the controller receives requests for translation of telephone numbers into IP addresses from the communication module unit.